***Your Mission!***

The following questions must be addressed in your Biome project. You can choose a method to present your research; either a brochure produced in MS Word, or a poster. This component will form a static display both at school and at the conference.

**As a group:**

1. What biome are you studying?
2. Where is the biome found in Australia/the world? Remember biomes can be found in different regions around the world. I would like you to focus on the biome from an Australian perspective as much as possible.

**METEOROLOGIST:**

1. What is the climate like in the biome?

You need to address: temperature, rainfall, seasons/weather patterns.

1. Is the biome under threat? Is there evidence of climate change? If so, what is happening? What if anything, can be done to slow down or stop the changes? Work closely with the zoologist and botanist to report on any effects on the fauna and flora of the biome. Link your findings together.
2. Include any other relevant interesting facts.

**ZOOLOGIST:**

1. You need to research a minimum of 3 animals found within the biome. Please include: habitat- shelter, diet, dangers they face - predators and how they have adapted to survive in this environment.
2. Is the biome under threat? What effect are humans having on animal habitats?
3. Work closely with the Meteorologist to discover what, if any, changes in climate are occurring, and how they are/will affect your animals.
4. Include any other relevant interesting facts.

**BOTANIST:**

1. You need to research a minimum of 3 plant species found within the biome. Try to include the scientific name, the common name and the species it belongs to (e.g. succulents, eucalypts etc.) Include any special features or adaptations the plant has in order to survive in the environment.
2. Is the biome under threat? What effect are humans having on plant species? How do humans use plants from in the biome?
3. Work closely with the meteorologist to discover what, if any, changes in climate are occurring, and how they are/will affect your plant species.
4. Include any other relevant interesting facts.

***REMEMBER!***

1. You are assessed on how you work together as a group. Look at the evaluation page to see your assessment rubric.
2. This project has 4 components:

* *a document* – either a brochure or poster to be displayed in the office at school and at the conference.
* *an oral presentation* - you will deliver your findings in the form of a speech at the conference and for practice at the school assembly.
* *a ‘movie’ presentation* – to be shown as a backdrop whilst you are presenting your speech.
* *a reflection/self-evaluation* activity

1. Only include relevant information to the topic!
2. Please keep this safe and glue it into your group’s science book. I will be checking your books to see how you are progressing!